

1 Figure 15b is a flow chart of another embodiment of the invention
2 illustrating determination of scaling factors and storing them in a lookup table;

3 Figure ^{15c}~~15b~~ is a flow chart of another embodiment of the invention
4 illustrating determination of scaling factors and application of a function to adjust the
5 color dots;

6 Figure 16 is a flow chart of another embodiment of the invention
7 illustrating a normalization process for the dots to at least a portion of the dynamic
8 range such as that set forth in the third embodiment; and

9 Figure 17 is a flow chart of another embodiment of the invention
10 illustrating a selection of a portion of the image for adjustment and two
11 implementations of the invention to adjust the image;

12 Figures 18a and 18b are respectively a first histogram of a supplied
13 image which is faded or has an excessive gray present, and a second histogram of
14 an image which has been offset to remove gray according to an automatic
15 correction embodiment of the present invention;

16 Figure 19 is a graph according to Fig. 8 further illustrating a variety of
17 scaling functions superimposed over an identity function or unity diagonal, one non-
18 linear curve representing a nominal correction which can be adjusted to an
19 interpolated target function which better produces an aesthetically pleasing
20 enhancement through the brightening of the image; and